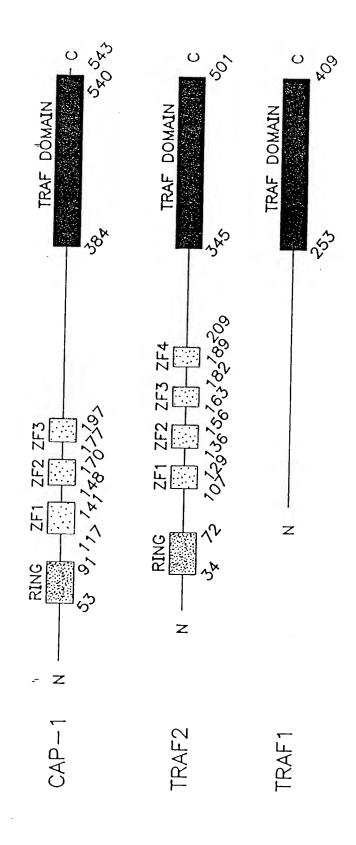


FIG. 2



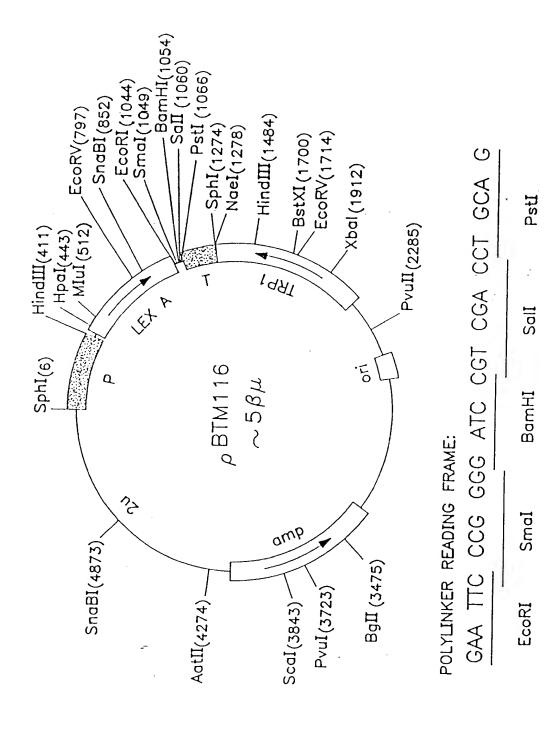


FIG. 4

-80 AGAAGTGATGCCACTTGGTTAAGGTCCCAGAGCAGGTCAGAATCAGACCTAGGATCA -79 GAAACCTGGCTCCTGGCTCCTGCTCCTACTCTTCTAAGGATCGCTGTCCTGACAGAAGAGAACTCCTCTTTCCTAAA

GAC TCT CCT GGC GCG CTG CAG ACT AAC CCG CCG CTA AAG
D S P G A L Q T N P P L K AAA AAG ATG × TCG AGT S GAG Г Σ

20 CTG CAC ACT GAC

120 40 TAC AAG Y K GGT G GGA GGA v GAA CAA ы CCT CCA GTT TTT GTC
P V F V CGC AGT GCT GGG ACG R S A G T Ω I

180 CTG GIG CTG CAC $\overline{1}$ GC AAG GAG TGTU AAG TAC AAG K Y K GTG GAG GAC Ω ы AAG ACC E × GTG > 121 GAA AAG TTT × 臼 41

240 9 crgပ္ပပ္ပ ATG GCG TGC TGC GAG AGC ы ပ္ပင္ပ 999 GAG TGT ACC CAG AAG CCG AGC S TGC 181 61

80 ď S ы υ TCC S æ CAC H G o × U

300 100 GTT AAA GAT AAG GTG > × Ω > TGT CAA GAG AGC ATC S ы o O ggg K TGT ACA H CCA AAA ۵ AGT S S S TCT S AGC S 241 CTG H 81

360 120 æ 回 TAT TGT CGG AAT z CAG ATC ď GCT CTT æ CTGL ATT AGA GAA Гī AAG × TGC υ TGC v AAT z GAT Ω AAG × TIT ſĿ, 301 101

420 GAG CAG TTA ACG CTG GGA CAT CTG CTG GTG CAT TTA AAA AAT GAT E Q L T L G H L L V H L K N D GCA Z, TGTGGT G AGA ø, 361 AGC S 121

140 480 **₹** TTG AGG GIC TGC AAA GAA AAG CCT GAC CCA TGT GTG CGT CIL GAA GAA 回 TIT CAT $\mathbf{T}GC$ 421 141

540 180 730 υ CAC AGC TGC ACA ပ္ပ K GAA E იცც ზ TAC Y AAG GCG TGT AAA K A C K GAG ы GIG CAC GAC CGA R 481 GAC CTG Ω 161

160

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009 200 GIG 757 TGT GAA GAC ACC GAC Δ E 回 GCG CTG CAG AAA CAC Ξ × ø ᆸ CCG ATG ATC ۵, GIT > CAG Ø 541 AAG AGT ß 181

780 260 1140 380 720 1020 340 1200 400 840 280 1080 360 900 300 960 320 GGG ACA AAC G T N AGA CAA R Q GAG E AAC CAG CTG AGC S GAG E GAG E က က က TAC Y **AAA** AAG K GAC TGG W CTG L GAC ATG GAC CTG D M D L GAG ACC GCC AGC TAC AAT GGA GTG CTC ATC TGG AAG ATT CGC GACE TA A S Y N G V L I W K I R D GTG ATA (E GA cTG L AAC N GAG E TCC S GAG E CAG O ACC T GAG CTC CTG AGG AGC L L R S AAC N AGT CGA . GTG V CGG R crcတ GTC V GAA GAA ATT E I CAG O CTG TTC က္က အ CTA GCC CAG AAT CAC H ACA GGC TCC AAA ATC CTT CAT TTA S K I L H L TCC S AAC N CAG O 000 R CAG Q AGC TTT ပ္ပင္ပင Œ, ĸ TGC AGC GTC CAG ACT C S V Q T GAG ATC E GTG V TTG L CGG AAC CTC GAC ATC D I S ပ္သပ္ပ TTG TGT TCC S ပ GAC AAG O AGT GTG CAC (S V H I TCC S TCC S GTG GCT (CAG ATA GAG E Н AGC S GTT V GTG V ď CAC AAT O AAG K GAA E CTG AAG GAG CTT L K E L AGC S CAA Q z AAG AAT AAT O GAG E AAG K AAG AGC K S CTG L 0 0 0 CAC CAC H GAA E TTG ATG M gcc A CCL gcc **A** AGT S CGA CTC L ATG M CAG Q AGC S æ TGC AAG K TCG S X AAA CAA Q CILAGC S AAG K CTG L GAC D ы TCC GCA GAG A ATC GCA GAC AA'C N ATA I ATG M GAC CAT H CAG CAG GAA AGC S AGC S GTG V CAG CGG R TGG ¥ AAG K AAG CA GAA E AGC S AGC S TTC × ø 601 201 661 721 241 781 261 841 281 1141 961 321 1021 901 301 361 381

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TTC	ATG M	CTG	CGA R	ACT	AAT N	CTG L	3TC
CCT	999 9	228 &	TCT	CCC	GAA	GAT	STCT
CAG Q	GAC D	GAT D	TCC	AAG K	CTA	TCG	ACCG
AGC S	999	TAT Y	999	AAG	GTT	ACT	PTGA)
TAC	AAC	GAA E	CAG D	TTC	ACT	GAT	TGATAAGTAGCTGGGAGGTGGATTTAGCAGAAGGCAACTCCTCTGGGGGATTTGAACCGGTCTGTC
CTT	CTG L	GGA G	GAT D	AGC	CAA	GTG V	TGGG
TCC	TAC Y	CGT R	ATG M	AGC S	GCC	ATA I	CCIC
$_{ m L}^{ m CTG}$	GTC	ATG	CTG L	AGC S	GTG V	GTC	AACT
ACC	AGG R	ATC I	ATG M	AAC N	TTT F	AAA K	AGGC
AAG	800 \$	GTC V	CTC	CCC P	GTC V	ATT I	CAGA
999 9	TGT C	TTT F	ACA T	GAC	CCA P	TTT F	TTAG
ATG M	ATG M	TTT F	GTG V	CCC	ည္သင္သ	ATT I	GGAT
GTC V	AAG K	CTG L	AAA GTG K	AAG K	0 0	ACA	AGGT
gcc *	TAT Y	TCG	CAG Q	TTC	TCT S	GAT D	9999
GAG E	၁၅၅ ၁	$_{ m L}^{ m TTG}$	AAG K	GCA A	9 8 8	GAT D	AGCT
CAG Q	TTT F	CAC	TTT F	GAT D	ATC I	AAA K	AAGT
AAG K	TAC Y	GGG ACG	CCG P	GGA G	AAT N	ATT I	TGAT
CGG R	GGT G	ტ ტ ზ	TGG ¥	TTG	ATG M	ACA TAT T Y	CCC
CGG R	ACT	AAG K	CCT	CAT H	GAG E	ACA T	GAT D
AAG K	TAC Y	ე ე	CIT	CGT R	GGA G	999	CCC
201	261 421	321	381	441	501	561 (621

2092 GAGTGCAATTTTG

1697 TTCACTGAGGTCCTCGCGCTCAGAAAGGACCTTGTGAGACGGAGGAAGCGGCAGAAGGCGGACGCGGTGCCGGGGGAG